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September 20, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 1652**

Re: U.S. Utility Patent Application  
Application No. 09/229,173; Filed: January 13, 1999  
For: **Cloned DNA Polymerases From *Thermotoga maritima* and Mutants  
Thereof**  
Inventor: Deb K. CHATTERJEE  
Our Ref: 0942.2800008/RCM/GLL

Sir:

In response to the Office Action dated June 23, 2004, transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111; and
2. One return postcard.

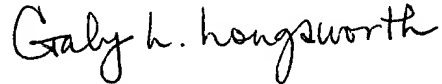
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
September 20, 2004  
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in cursive script that reads "Gaby L. Longsworth".

Gaby L. Longsworth  
Attorney for Applicant  
Registration No. 47,756

RCM/GLL/eaf  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CHATTERJEE, Deb K.

Appl. No. 09/229,173

Filed: January 13, 1999

For: **Cloned DNA Polymerases From  
*Thermotoga maritima* and  
Mutants Thereof**

Confirmation No.: 7438

Art Unit: 1652

Examiner: Hutson, R.

Atty. Docket: 0942.2800008/RCM/GLL

**Amendment and Reply Under 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **June 23, 2004**, Applicant submits the following  
Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, a complete listing of all of the claims:
  - in ascending order;
  - with status identifiers; and
  - with markings in the currently amended claims;
- (C) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are  
required beyond those that may otherwise be provided for in documents accompanying this

paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.